

Antenna, Whip Hinge

ERF4089

Description

The ERF4089 antenna is a black antenna with a hinged design and a RP-SMA male connector. The hinged design enables the antenna to be positioned at its most suitable angle with a maximum of 90°. The antenna can also be used for applications in these frequency bands: 1,7 GHz to 1,8 GHz. The antenna can be used for applications such as M2M, IoT, LTE and GSM.

Technology

- LTE applications
- GSM
- NB-IoT
- GSM
- 4G/3G



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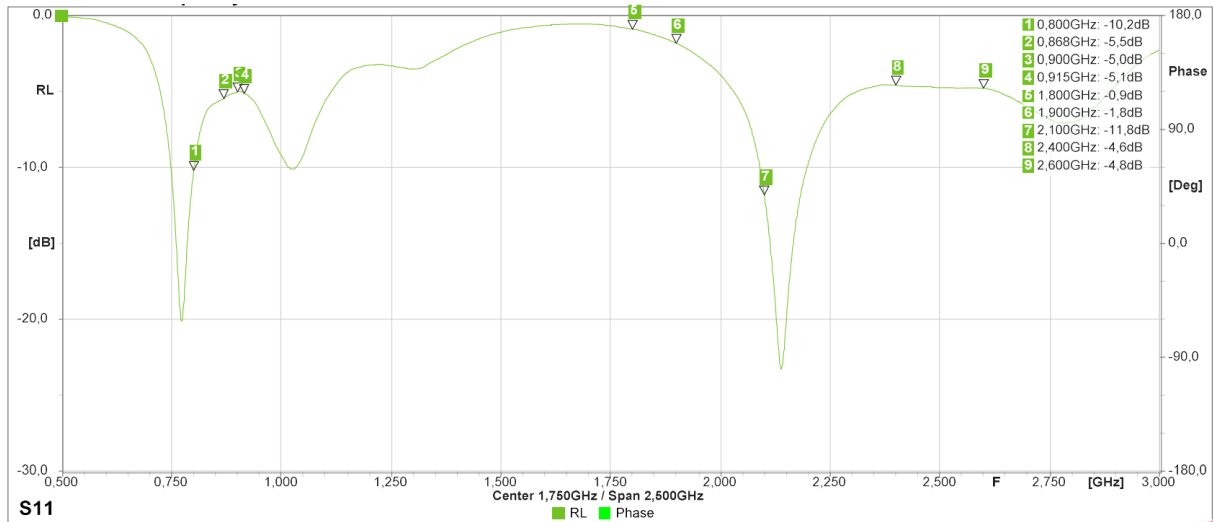
Features

Electrical Properties	Description		
Frequency marker	Frequency band MHz	Return loss dB	V.S.W.R.
1	800	-10.2	< 1.9
2	868	-5.5	< 3.3
3	900	-5.0	< 3.6
4	915	-5.1	< 3.5
5	1.800	-0.9	< 19.3
6	1.900	-1.8	< 9.7
7	2.100	-11.8	< 1.7
8	2.400	-4.6	< 3.9
9	2.600	-4.8	< 3.7
Nominal Impedance	50 Ω		
Polarization	Vertical		

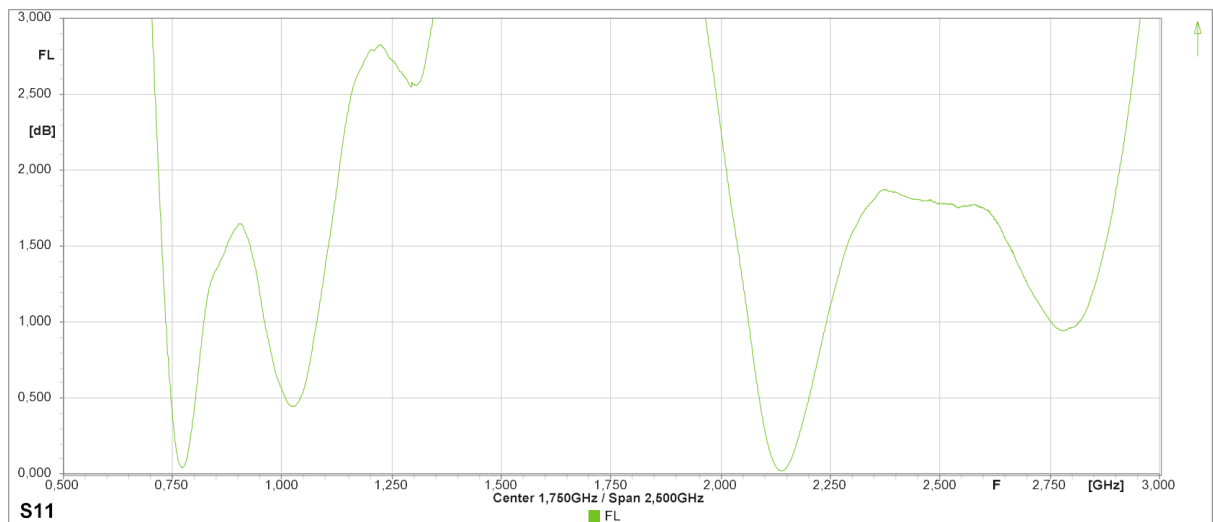
Mechanical Properties	Description
Antenna	External Antenna
Mounting	Screw Type
Connector	RP-SMA Male
Dimensions	104 mm \pm 2
Color	Black
Operating Temperature	-20°C~+60°C
Storage Temperature	-30°C~+70°C

Antenna Properties

Return Loss



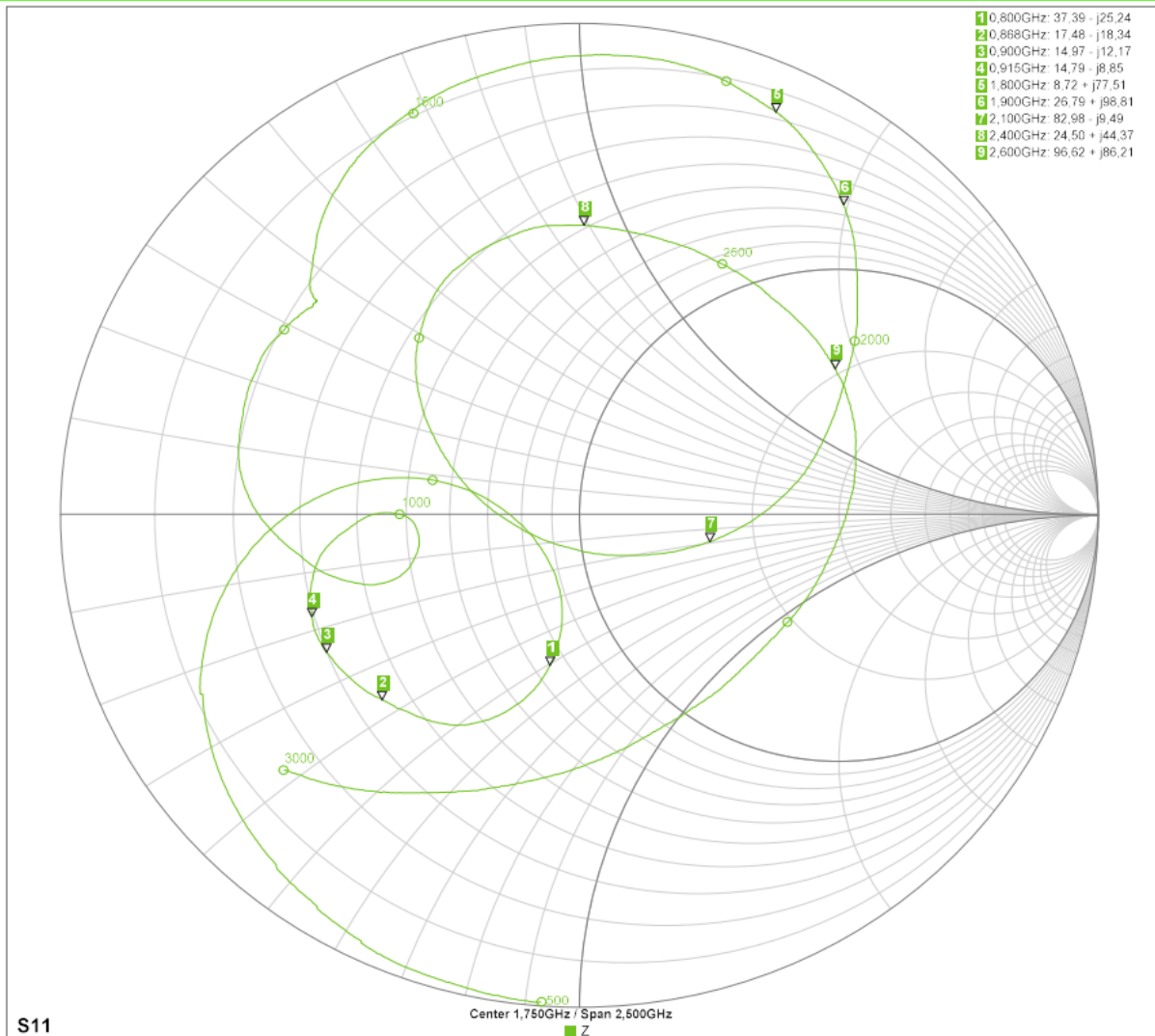
Forward Loss



Impedance

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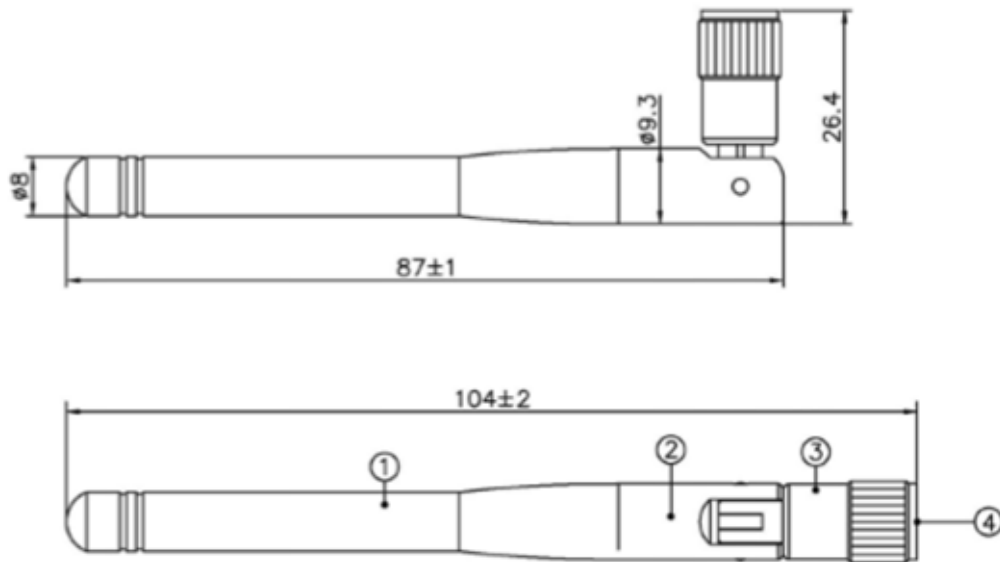


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Dimensions

Unit: mm



Connectors



The ERF4089 antenna uses the RP-SMA Male connector.

Ordering information

Ordering can be done via www.summit-electronics.com or via info@summit-electronics.com. Please contact us for more information. Customisation of the product is available on request.

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Technical support

For all product questions please contact us via info@summit-electronics.com

Document revision

Rev	Date	Changes
V01.00	06-04-2023	First issue of document